

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

1

of

1

Attorney Docket Number

MP0321

**Complete if Known**

**Appl. No. & Conf. No.**

10/675,693

**Filing Date**

9/30/2003

**First Named Inventor**

Cheong et al.

## Group Art Unit

**Examiner Name**

Attorney Docket Number

MP0321

## NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner  
Signature**

/Dac Ha/

Date  
Considered

02/23/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 1	ATTORNEY DOCKET NO.	SERIAL NO.
	MP0321	To Be Assigned
	APPLICANT	
	Lou, Hui-Ling et al.	
	FILING DATE	GROUP
	Herewith	To Be Assigned

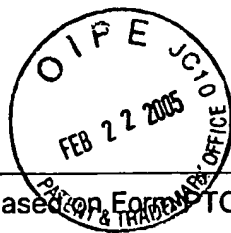
U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	/DH/	US 2003/0016640	01/23/2003	Onggosanusi et al.		
2.	/DH/	5,790,606	08/04/1998	Dent		
3.	/DH/	6,178,196	01/23/2001	Naguib et al.		
4.	/DH/	6,188,736	02/13/2001	Lo et al.		
5.	/DH/	6,317,466	11/13/2001	Foschini et al.		
6.	/DH/	6,542,556	04/01/2003	Kuchi et al.		
7.	/DH/	6,549,585	04/15/2003	Naguib et al.		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	/DH/	WO 02/098051 A1	05.12.2002	WIPO			
2.	/DH/	EP 1271835 A2	02.01.2003	Europe			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		

Examiner: /Dac Ha/	Date Considered: 02/23/2007
--------------------	-----------------------------

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 1 of 2

ATTORNEY DOCKET NO.

MP0321

SERIAL NO.

10/675,693

APPLICANT

Lou, Hui-Ling et al.

FILING DATE

09/30/2003

GROUP

To Be Assigned

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.						

**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.							

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	
1.	/DH/	IEEE Standard 802.11a (1999; 91 pages); Supplement to IEEE Standard for Information Technology; Telecommunications and Information Exchange Between Systems; Local and Metropolitan Area Networks; Specific Requirements; Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications; High-Speed Physical Layer in the 5 GHz Band; Adopted by the ISO/IEC and redesignated as ISO/IEC 8802-11:1999/Amd 1:2000(E).
2.	/DH/	IEEE Standard P802.11g, Draft Supplement to Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements, Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Further Higher Data Rate Extension in the 2.4 GHz Band, April 2003, pp. 1-69.
3.	/DH/	IEEE Std. 802.16a; IEEE Standard for Local and metropolitan area networks; Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Amendment 2: Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz; April 1, 2003; pp. 1-292.
4.	/DH/	Lou/Cheong/Shirali/Narasimhan, "On division-free frequency domain equalization and Viterbi decoding using channel state information" March 8, 2002, pp. 1-18.

Examiner: /Dac Ha/

Date Considered:

02/23/2007

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 2 of 2	ATTORNEY DOCKET NO.	SERIAL No.
	MP0321	10/675,693
	APPLICANT	
	Lou, Hui-Ling et al.	
	FILING DATE	GROUP
	09/30/2003	To Be Assigned

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
5.	/DH/	Siavash M. Alamouti, "A Simple Transmit Diversity Technique for Wireless Communications", IEEE Journal on Select Areas in Communications, Vol. 16, No. 8, October 1998, pp. 1451-1458.
6.	/DH/	Alamouti/Tarokh/Poon, "Trellis coded modulation and transmit diversity: Design criteria and performance evaluation," Proceedings of IEEE ICUPC, pp. 703-707, October 1998.
7.	/DH/	Tarokh/Jafarkhani/Calderbank, "Space-Time Block Codes from Orthogonal Designs", IEEE Transactions on Information Theory, Vol. 45, No. 5, July 1999, pp. 1456-1467.
8.	/DH/	Tarokh/Jafarkhani/Calderbank, "Space-Time Block Coding for Wireless Communications: Performance Results", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 3, March 1999, pp. 451-460.

Examiner:	/Dac Ha/	Date Considered:	03/05/2007
-----------	----------	------------------	------------

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.